

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

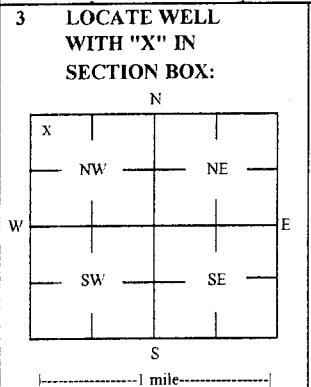
Well ID

MW3

[X] Original Record [] Correction [] Change in Well Use

1 LOCATION OF WATER WELL: County Allen Fraction NE 1/4 NW 1/4 NW 1/4 NW 1/4 Section Number 36 Township Number T 24 S Range Number R 18 [X] E [] W

2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: [] Business: KDHE (L & S Motors) Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612 1319 East St, Iola, KS 66749



3 LOCATE WELL WITH "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 17.34 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 2.65 ft [X] below land surface, measured on (mo-day-yr) 11/18/15 [] above land surface, measured on (mo-day-yr) _____ Pump test data: Well water was _____ ft after _____ hours pumping _____ gpm Water well was _____ ft after _____ hours pumping _____ gpm Estimated Yield: _____ gpm Bore Hole Diameter: 7.25 in to _____ ft, and _____ in to _____ ft

5 Latitude: 37.92186 (decimal degrees) Longitude: 95.38863 (decimal degrees) Horizontal Datum: [X] WGS 84 [] NAD 83 [] NAD 27 Source for Latitude/Longitude: [] GPS (unit make/model: _____) (WAAS enabled? [] Yes [] No) [X] Land Survey [] Topographic Map [] Online Mapper

6 Elevation: 961.77 ft [] Ground Level [X] TOC Source: [X] Land Survey [] GPS [] Topographic Map [] Other _____

7 WELL WATER TO BE USED AS: 1 Domestic: [] Household [] Lawn & Garden [] Livestock 2 [] Irrigation 3 [] Feedlot 4 [] Industrial 5 [] Public Water Supply: well ID _____ 6 [] Dewatering: how many wells? _____ 7 [] Aquifer Recharge: well ID _____ 8 [X] Monitoring: well ID MW3 9 Environmental Remediation: well ID _____ [] Air Sparge [] Soil Vapor Extractor [] Recovery [] Injection 10 [] Oil Field Water Supply: lease _____ 11 Test Hole: well ID _____ [] Cased [] Uncased [] Geotechnical 12 Geothermal: How many bores? _____ a) Closed Loop [] Horizontal [] Vertical b) Open Loop [] Surface Discharge [] Inj. of Water [] Other (specify): _____

Was a chemical/bacteriological sample submitted to KDHE? [] Yes [X] No If yes, date sample was submitted: _____ Water well disinfected? [] Yes [X] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other _____ CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded Casing diameter 2 in. to 3 ft. Diameter _____ in. to _____ ft. Diameter _____ in. to _____ ft. Casing height above land surface -0.28 in. Weight _____ lbs./ft. Well thickness or gauge No _____ TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Other (Specify) _____ [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [] Continuous Slot [X] Mill Slot [] Gauze Wrapped [] Torch Cut [] Drilled Holes [] Other (Specify) _____ [] Louvered Shutter [] Key Punched [] Wire Wrapped [] Saw Cut [] None (Open Hole) SCREEN-PERFORATED INTERVALS: From 3 ft. to 17.34 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 2 ft. to 18 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Concrete: 0-1' Grout intervals: From 1 ft. to 2 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.

Nearest source of possible contamination: [] Septic Tank [] Lateral Lines [] Pit Privy [] Livestock Pens [] Insecticide Storage [] Sewer Lines [] Cess Pool [] Sewage Lagoon [X] Fuel Storage [] Abandoned Water Well [] Watertight Sewer Lines [] Seepage Pit [] Feedyard [] Fertilizer Storage [] Oil Well / Gas Well [] Other (Specify) _____ Direction from well? NW Distance from well? ~40 ft

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0	0.5	Concrete			
0.5	1	Fill			
1	2.5	Silty clay			
2.5	4	Silt			
4	9	Silty clay			
9	10	Clay			
10	15	Silty clay			
15	16	Silt			
16	18	Limestone			

Notes: KDHE ID: L & S Motors; U3-001-14807

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 11/17/15 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 1/28/16 under the business name of Larsen & Associates, Inc. Signature _____

TRITERRA

LAND SERVICES

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SURVEYING OF MONITORING WELLS L & S MOTORS IOLA, KANSAS

The above site is located in Section 36, Township 24 South, Range 18 East of the Sixth Principal Meridian, Allen County, Kansas. The Southeast corner of Section 36 was assigned coordinates of 00.00 North and 00.00 West.

The control point from a nearby site, Convenient Mart, was used for vertical control. A control point was established on site as a chiseled 'X' at the southwest corner of the parking lot.

The Latitude and Longitude were recorded from a GPS unit. The site is located on the 7.5' quad map titled "Iola".

ID	NORTH	WEST	LATITUDE	LONGITUDE	ELEVATION
SE CORNER 36-24S-18E	00.00	00.00			
CP	5213.20	4797.50	37.92194	95.38916	963.37
MW-1 NE NW NW NW	5238.64	4656.91	37.92200	95.38869	RIM 963.09 TOC 962.80
MW-2 NE NW NW NW	5156.44	4688.08	37.92176	95.38876	RIM 961.71 TOC 961.32
MW-3 NE NW NW NW	5191.90	4644.83	37.92186	95.38863	RIM 962.05 TOC 961.77
MW-4 NE NW NW NW	5232.73	4808.50	37.92198	95.38921	RIM 963.34 TOC 963.03
MW-5 NE NW NW NW	5217.25	4707.99	37.92194	95.38885	RIM 963.40 TOC 963.12
MW-6 NW NE NW NW	5237.78	4499.27	37.92200	95.38811	RIM 962.19 TOC 961.78
MW-7 NW NE NW NW	5207.53	4583.21	37.92192	95.38840	RIM 962.28 TOC 962.02
MW-8(Sec 25) SE SW SW SW	5324.95	4630.40	37.92225	95.38858	RIM 963.63 TOC 963.20
MW-9 NW NE NW NW	5148.31	4512.94	37.92176	95.38817	RIM 961.06 TOC 960.78

